AUTODOC CLUB

# How to change rear brake pads on **Nissan Qashqai J10** – replacement guide

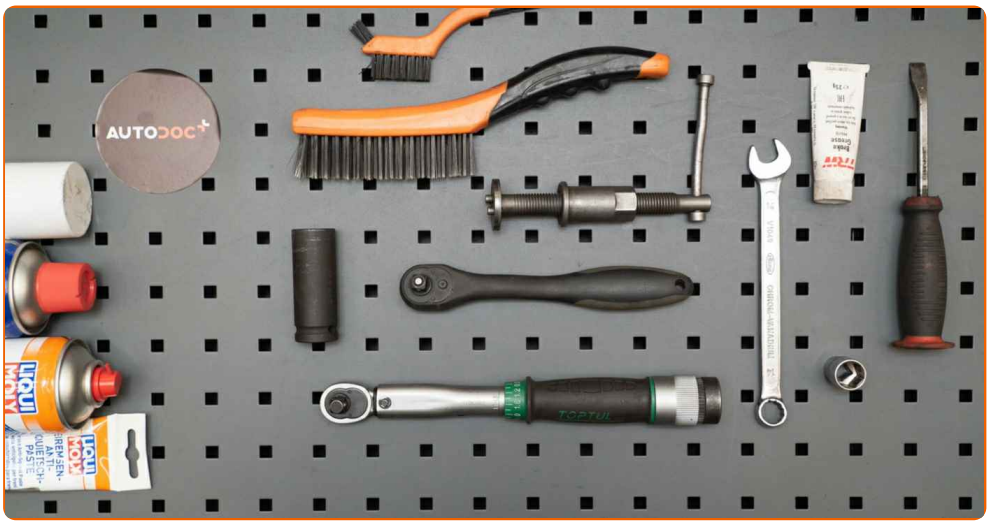
## VIDEO TUTORIAL

**Important!**

This replacement procedure can be used for:
NISSAN Leaf I (ZE0) Electric, NISSAN Cube (Z12) 1.5 dCi, NISSAN Murano II (Z51) 2.5 dCi 4x4, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 1.5 dCi, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 1.6, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 2.0, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 2.0 All-wheel Drive, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 1.6 dCi All-wheel Drive, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 1.6 dCi, NISSAN X-Trail (T30) 2.0 4x4, NISSAN X-Trail (T30) 2.2 Di 4x4, NISSAN X-Trail (T30) 2.5 4x4, NISSAN X-Trail (T30) 2.2 dCi 4x4, NISSAN Murano I (Z50) 3.5 4x4, NISSAN X-Trail (T30) 2.0, (+ 19)

The steps may slightly vary depending on the car design.

# REPLACEMENT: BRAKE PADS – NISSAN QASHQAI J10.
# TOOLS YOU MIGHT NEED:




- Wire brush
- Nylon cleaning brush
- WD-40 spray
- All-purpose cleaning spray
- Brake cleaner
- Anti-squeal paste
- Brake caliper guide pins grease
- Copper grease
- Torque wrench
- Drive socket # 14
- Wheel impact socket #21
- Brake caliper wind back tool
- Tap wrench
- Crow bar
- Wheel chock

BUY TOOLS

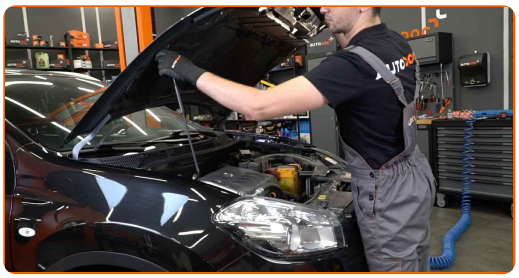
Replacement: brake pads – Nissan Qashqai J10. AUTODOC recommends:

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- All work should be done with the engine stopped.

## REPLACEMENT: BRAKE PADS – NISSAN QASHQAI J10. TAKE THE FOLLOWING STEPS:

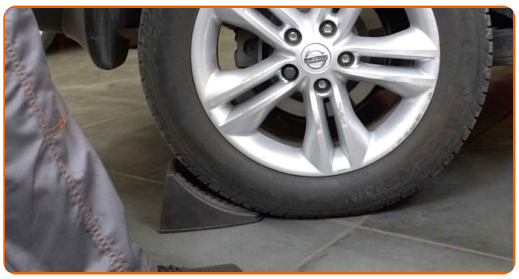
1

Open the bonnet. Unscrew the brake fluid reservoir cap.



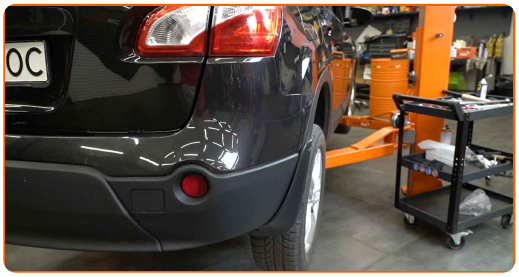
2

Secure the wheels with chocks.



**3** Loosen the wheel mounting bolts. Use wheel impact socket #21.

**4** Raise the rear of the car and secure on supports.



**5** Unscrew the wheel bolts.

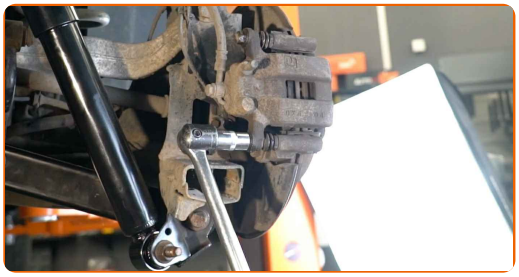
## Replacement: brake pads – Nissan Qashqai J10. Tip from AUTODOC experts:

- To avoid injury, hold up the wheel when unscrewing the bolts.

**6** Remove the wheel.

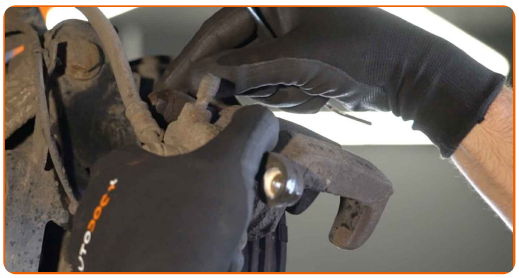
**7** Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray. Use all-purpose cleaning spray.

**8** Unscrew the brake caliper fastening. Use a drive socket #14. Use a tap wrench.



**9** Spread the brake pads. Use a crowbar.

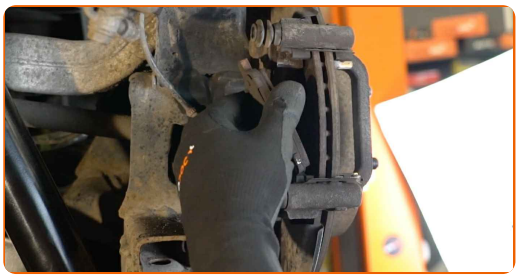
**10** Remove the brake caliper.



## Replacement: brake pads – Nissan Qashqai J10. AUTODOC recommends:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

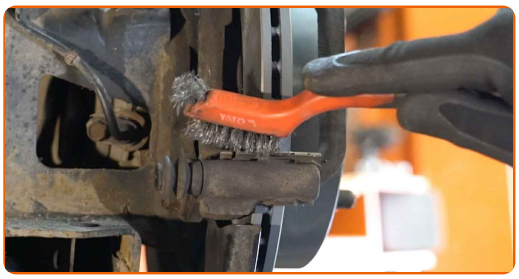
**11** Remove the brake pads.



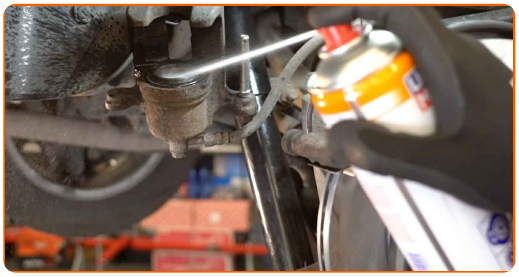
## Replacement: brake pads – Nissan Qashqai J10. Tip:

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

**12** Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use all-purpose cleaning spray.



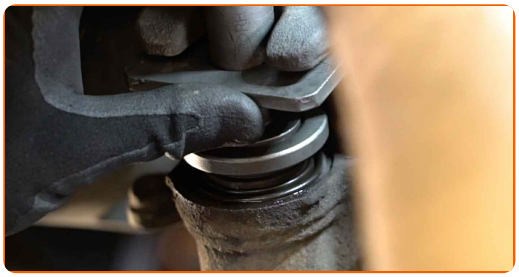
**13** Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.



## Replacement: brake pads – Nissan Qashqai J10. AUTODOC experts recommend:

- After applying the spray, wait a few minutes.

**14** Press in the brake caliper piston. Use brake caliper wind back tool.



**15** Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.

## Replacement: brake pads – Nissan Qashqai J10. Tip from AUTODOC:

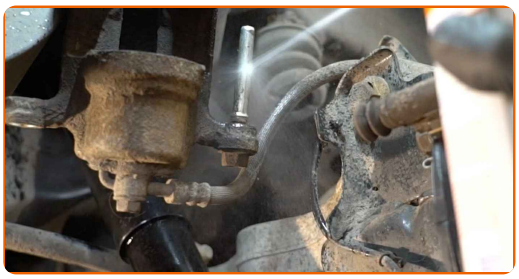
- Make sure the disc surface is clean before installing the pads.

**16** Install new brake pads.

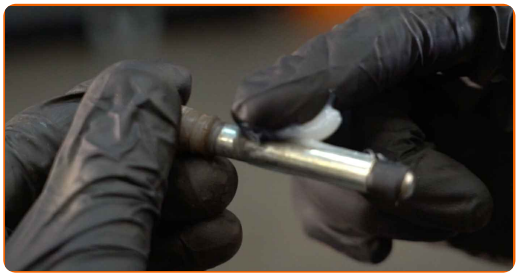
## Replacement: brake pads – Nissan Qashqai J10. Professionals recommend:

- Make sure the pads are installed with linings facing the disc.

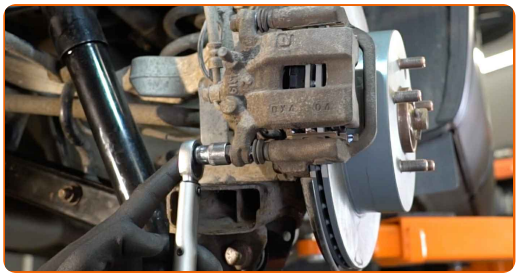
**17** Clean the brake caliper guide pins. Use all-purpose cleaning spray.



**18** Treat the brake caliper guide pins. Use the brake caliper guide pin grease.



**19** Install the brake caliper and fix it. Use a drive socket #14. Use a torque wrench. Tighten it to 40 Nm torque.



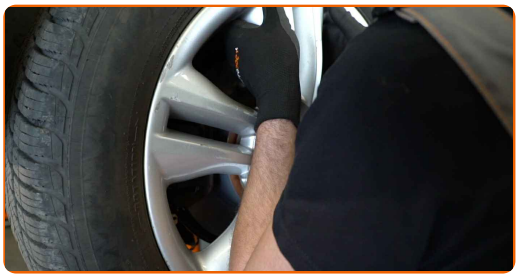
**20** Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

**21** Clean the brake disk surface. Use a brake cleaner.

### AUTODOC recommends:

- Replacement: brake pads – Nissan Qashqai J10. After applying the spray, wait a few minutes.

**22** Install the wheel.



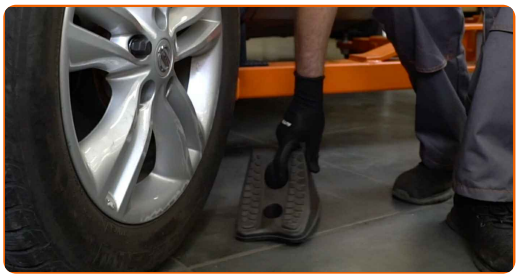
### AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. Nissan Qashqai J10

**23** Screw in the wheel bolts. Use wheel impact socket #21.

**24** Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #21. Use a torque wrench. Tighten it to 112 Nm torque.

**25** Remove the jacks and chocks.



## Replacement: brake pads – Nissan Qashqai J10. Tip from AUTODOC experts:

- Check the brake fluid level in the expansion tank and refill if necessary.

**26** Tighten the brake fluid reservoir cap.

## AUTODOC recommends:

- Nissan Qashqai J10 – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

27 Close the hood.

## Replacement: brake pads – Nissan Qashqai J10. AUTODOC recommends:

- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unneccessary and sharp braking to a stop.

## WELL DONE!

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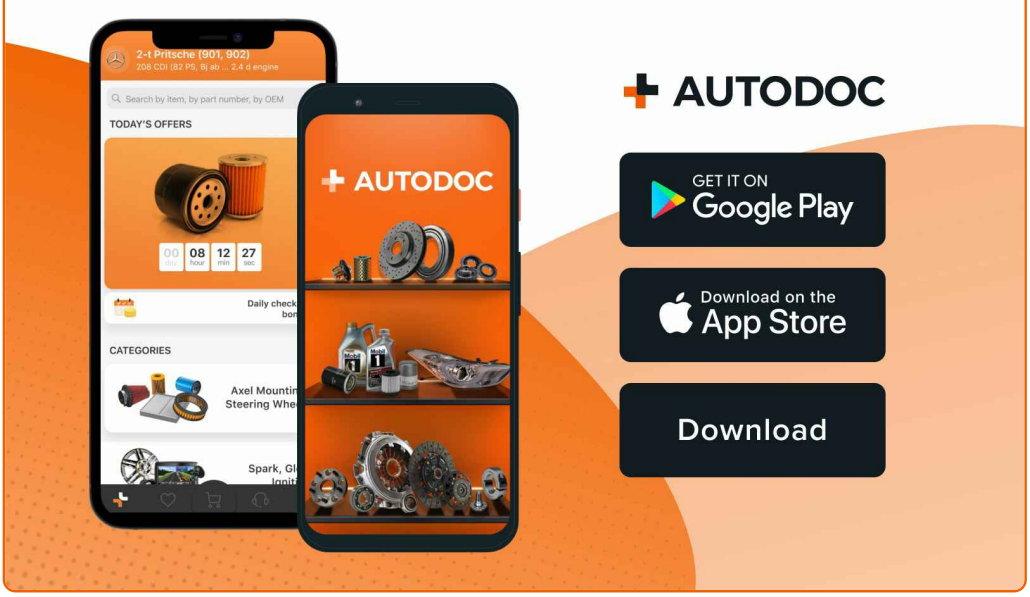


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